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Meeting Minutes Transmittal

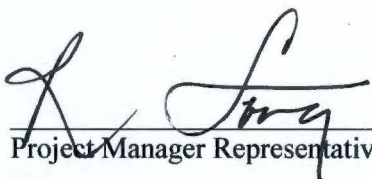
SOLID WASTE OPERATIONS COMPLEX (SWOC)  
PROJECT MANAGERS MEETING

T Plant, Low Level Burial Ground (LLBG), Waste Receiving and Processing (WRAP),  
and Central Waste Complex (CWC)

2420 Stevens Center, Conference Room 126  
Richland, Washington

October 25, 2018

The undersigned indicate by their signatures that these meeting minutes reflect the actual occurrences of the above dated Project Managers Meeting. Signatures denote concurrence with the content only and are not intended to imply agreement to any commitments.



Project Manager Representative, RL

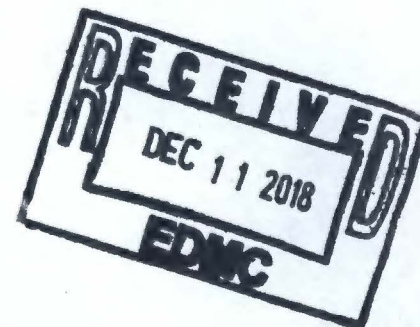
Date: 11/29/2018



Project Manager Representative, Ecology

Date: 12/6/18

Administrative Record H6-08



T-2-7 D-2-9 TS-2-4

**SOLID WASTE OPERATIONS COMPLEX (SWOC)  
PROJECT MANAGERS MEETING MINUTES**

**T Plant, Low Level Burial Ground (LLBG), Waste Receiving and Processing (WRAP),  
and Central Waste Complex (CWC)**

**2420 Stevens Center, Conference Room 126  
Richland, Washington**

**October 25, 2018**

- I. The August 23, 2018 Solid Waste Operations Complex (SWOC) project managers meeting (PMM) minutes were submitted to the Administrative Record (AR).

II. Operational Status

- A. Mitch Marrott (CHPRC) provided an update on the activities for the SWOC facilities (see handout). Mr. Marrott noted that in the Central Waste Complex (CWC), one minor repair was made to a box cover, but no box cover replacements have been scheduled or required. The floor repairs are continuing, but when the cold weather sets in, it will prevent any repairs from being done.

Mr. Marrott reported that two Priority 2 watch list drums are currently being overpacked at CWC. Kelly Elsethagen (Ecology) inquired about the issues with the watch list drums. Mr. Marrott responded that there was internal corrosion similar to what occurred with other drums. Ms. Elsethagen asked if the deposit was on the top of the drums. Mr. Marrott stated that the deposit is typically on the side of the drums. Ed Soto (Ecology) asked if the drums were opened to verify the contents on the inside. Mr. Marrott responded that the drums were not opened because the deposits were visible. Mr. Marrott added that pictures were taken that showed the changes in the deposits over time. Ms. Elsethagen stated that one of the questions Ecology has had while reviewing the permit application is when there's an issue with the original container material, is the same material used for the overpack, or is a different material selected. Stephanie Johansen (CHPRC) responded that the operations group would have the information to answer Ecology's question. Ms. Johansen asked if Ecology would be addressing the question regarding the overpack material through the permitting process. Ms. Elsethagen responded that it will be addressed through the permitting process, and noted that the compliance team has had the same questions.

Mr. Marrott noted that pump preventative maintenance and repairs are being done at the Low-Level Burial Grounds (LLBG) trenches 31 and 34. Mr. Marrott stated that ten mixed low-level waste containers were disposed in trench 31 last month. The high-efficiency particulate air (HEPA) filters are being replaced for the caissons. One HEPA filter has been replaced for alpha caisson No. 4, with three HEPA filters remaining to be replaced. Mr. Marrott noted that additional planning and procurements were needed for the remaining three HEPA filters for caisson No. 4, and efforts are under way this week to continue with the filter replacement. The goal is to complete replacing the remaining three filters before winter sets in.

Mr. Marrott noted that one large Transuranic mixed (TRUM) box (TL-1800) was shipped from the Waste Receiving and Processing (WRAP) facility to Permafix Northwest.

Mr. Marrott reported that the upgrade of the stack fan No. 4 variable frequency drive was completed yesterday (10/24/18) at T Plant, and it is currently online. Mr. Marrott stated that



four sludge transfer and storage containers (STSCs) have been received at T Plant, and the next STSC is scheduled for receipt on October 31, 2018.

Mr. Marrott noted that for the RCRA-regulated inventory, there was one large container shipped out of CWC, and one large container (TL-1800) was shipped out of the WRAP. Mr. Marrott added that one container was shipped out of the outside storage area (OSA)-A last month.

III. Status of Previous Agreements and Commitments

A. There were no previous agreements and commitments for discussion.

IV. New Agreements and Commitments

A. There were no new agreements and commitments established.

V. Near Term Schedules and Ongoing Activities (Milestones)

A. Agreed Order – Implementation

Ms. Johansen noted that Mr. Marrott provided a briefing on the box cover replacements, and one minor repair was done.

B. CAFO

Ms. Johansen stated that four closure plans were transmitted to Ecology in mid-August 2018, and the additional information that Ecology requested was informally submitted to Ecology and will be followed up with a formal letter. John Temple (Ecology) stated the intent is to go out for public comment on the four closure plans the first week in December 2018. Ms. Johansen stated that four more closure plans will be transmitted to RL either this week or early next week, and Ecology should be receiving the closure plans from RL in about a month. Ms. Johansen reported that funding has been identified to work on the Data Quality Objective (DQO) for OSA-A and B, and CHPRC is currently in the planning phase for the DQO.

C. 8C Updates, Closure Plans, Part B Application

Ms. Johansen stated that CHPRC is continuing to work on the process information comments for the SWOC Part B permit application, and that the training addenda were transmitted to Ecology for review yesterday (10/24/18). Mr. Temple acknowledged receipt of the training addenda. Ms. Elsethagen stated that Ecology's comments on the closure plans will be transmitted in the near future to RL/CHPRC via review, comment and record (RCR), and the comments on the cover design for the trenches will be included.

D. Sludge Storage at T Plant

Ms. Johansen noted that four STSCs were received at T Plant, and another STSC is scheduled to be received next week.

VI. Approved Changes Signed Off in Accordance with TPA Section 12.2

A. There were no signed changes to discuss.

VII. General Discussion

A. There were no topics for general discussion.

VIII. Actions

Ms. Elsethagen noted that CHPRC provided Ecology a presentation on the container management system on Monday (10/22/18), which she was not able to attend, and requested an informal transmittal of the container management procedure. Mr. Temple noted that he had requested a copy of the presentation that was given on Monday, and that CHPRC had indicated it would follow up on his request. Ms. Johansen stated that an action item would be set up to send Ms. Elsethagen a copy of the container management procedure and a copy of the presentation.

Ms. Elsethagen acknowledged receipt of the off-month operations report in accordance with the ongoing action item. Mr. Marrott noted that since the next PMM is scheduled in six weeks, an off-month operations report would not be sent to Ecology.

IX. Documents for Submittal to the Administrative Record

A. There were no documents identified for submittal to the AR.

X. Next Project Managers Meeting

A. The next PMM was scheduled for Wednesday, December 5, 2018, at 2:00 p.m.

### Actions Table

#### Solid Waste Operations Complex (SWOC) Project Managers Meeting Minutes T Plant, Low Level Burial Ground (LLBG), Waste Receiving and Processing (WRAP), and Central Waste Complex (CWC)

Item	Description	Open / Closed	Date	Status
SWOC Units	Mr. Marrott (CHPRC) will prepare the operations report on the off months the PMMs are not held and send the report to Ecology. The reports will be attached to the following month's PMM minutes.	Open	12/8/17	Action Established - Ongoing.
Container Monitoring Program	Ms. Johansen (CHPRC) will set up a presentation to Ecology on the new container monitoring program.	Open	8/23/18	Action Established
		<b>Closed</b>	<b>10/25/18</b>	A presentation was provided to Ecology on the new container monitoring program on 10/22/18.
Container Management Program	Ms. Johansen (CHPRC) will provide Ms. Elsethagen (Ecology) a copy of the presentation from the container management program and the applicable procedure.	Open	10/25/18	Action Established



## Waste Disposition Performance

Facility	Status as of 10-22-2018
CWC	<p><b><u>CONTINUING</u></b></p> <ul style="list-style-type: none"> <li>• Performing waste storage &amp; inspection activities</li> <li>• Continuing to receive waste from onsite and offsite generators</li> <li>• Continue to ship large waste boxes from OSA A and NOSA (CERCLA –LLW) to PFNW.</li> <li>• Conducted Fire Suppression System testing &amp; inspection with HFD</li> <li>• Box cover deficiencies are being tracked and repaired in FY2019.</li> <li>• Continue floor repairs at 2402-WI &amp; 2403-WA.</li> <li>• Continue roll-up door preventative maintenance and repairs.</li> <li>• Mining, segregating, and overpacking watch list drums.</li> </ul> <p><b><u>NEW ITEMS</u></b></p> <ul style="list-style-type: none"> <li>• Completed floor repairs at 2402-W 2402-WJ 2402-WE &amp; 2403-WD</li> <li>• Over packing two Priority 2 drums</li> </ul>
LLBG	<p><b><u>CONTINUING</u></b></p> <ul style="list-style-type: none"> <li>• Continuing to perform inspection and maintenance activities in LLBGs</li> <li>• Continuing receipt of waste shipments into MWT 31 &amp; 34</li> <li>• Continuing leachate collection &amp; removal system operation at MWT 31 &amp; 34</li> <li>• Pump preventative maintenance and repairs at Trenches 31 &amp; 34</li> </ul> <p><b><u>NEW ITEMS</u></b></p> <ul style="list-style-type: none"> <li>• Disposed of ten MLLW (17.2 m<sup>3</sup>) container in Trench 31.</li> <li>• Replacing Alpha Caisson #1 &amp; MFP #3 &amp; #4 HEPA filters (HRB Complete)</li> <li>• Completed HEPA Filter replacement Alpha Caisson #4</li> </ul>
WRAP	<p><b><u>CONTINUING</u></b></p> <ul style="list-style-type: none"> <li>• Continuing min-safe inspection and maintenance activities.</li> <li>• Conducted Fire Suppression System testing &amp; inspection with HFD</li> <li>• Continuing lighting upgrades at 2404-WB</li> </ul> <p><b><u>NEW ITEMS</u></b></p> <ul style="list-style-type: none"> <li>• Shipped one TRUM large boxes (TL-1800 – CERCLA) to PFNW</li> </ul>
T Plant	<p><b><u>CONTINUING</u></b></p> <ul style="list-style-type: none"> <li>• Continuing surveillance and maintenance activities.</li> <li>• Upgrading 291-T Stack Fan 4 Variable Frequency Drive (VFD)</li> </ul> <p><b><u>NEW ITEMS</u></b></p> <ul style="list-style-type: none"> <li>• Current total received 4 STSCs</li> <li>• Next STSC shipment planned for 10/31/2018</li> <li>• Replace canyon high bay lights</li> </ul>

# RCRA-Regulated Inventory

## Number of Containers/Tanks and Volume as of 10-20-2018

Facility	Drum/Small Container <sup>1</sup>	Medium Container <sup>2</sup>	Large Container <sup>3</sup>	Total Volume
CWC (September)	5585 (1362 m <sup>3</sup> )	783 (1369 m <sup>3</sup> )	350 (5240 m <sup>3</sup> )	7971 m <sup>3</sup>
CWC (October)	5585 (1362 m <sup>3</sup> )	783 (1369 m <sup>3</sup> )	349 (5207 m <sup>3</sup> )	7938 m <sup>3</sup>
T Plant (September)	9 (2 m <sup>3</sup> )	0 (0 m <sup>3</sup> )	8 (303 m <sup>3</sup> )*	305 m <sup>3</sup> *
T Plant (October)	9 (2 m <sup>3</sup> )	0 (0 m <sup>3</sup> )	8 (303 m <sup>3</sup> )*	305 m <sup>3</sup> *
WRAP (September)	217 (49 m <sup>3</sup> )	0 (0 m <sup>3</sup> )	10 (465 m <sup>3</sup> )	514 m <sup>3</sup>
WRAP (October)	217 (49 m <sup>3</sup> )	0 (0 m <sup>3</sup> )	9 (414 m <sup>3</sup> )	463 m <sup>3</sup>

Footnotes regarding volumes:

\* Inventory is for containers except for six (6) large tanks at T-Plant with a volume of 259 m<sup>3</sup>

1. 0.485 m<sup>3</sup> (110 gallons; 17.1 ft<sup>3</sup>) or less
2. Greater than 0.485 m<sup>3</sup> (110 gallons; 17.1 ft<sup>3</sup>) & less than 1.812 m<sup>3</sup> (64ft<sup>3</sup>) (Standard Waste Box)
3. Greater than 1.812 m<sup>3</sup>



## Dangerous Waste Package Inventory in CWC Outside Storage Areas

CWC DWMU <sup>[1]</sup>	Number of Waste Containers in storage (1/24/2014)	Number of Waste Containers in storage (10/01/2018)	Number of Waste Containers in storage (10/20/2018)	Volume of Waste Containers in storage (10/20/2018)	Notes/Comments in Inventory Change from Previous Month
Outside Storage Area A	173	116	115	3383 m <sup>3</sup>	Shipped 231ZR-16 (32.7 m <sup>3</sup> ) to PFNW for size reduction
Outside Storage Area B	11	5	5	263 m <sup>3</sup>	
D-10 Outside Storage Area	1	1	1	28 m <sup>3</sup>	
East Outside Storage Area	0	0	0	0	
Shipping and Receiving Area	0	0	0	0	
<b>Total =</b>	<b>185</b>	<b>122</b>	<b>121</b>	<b>3674 m<sup>3</sup></b>	

[1] DWMUs are based on those listed in the Agreed Order, exhibit B.



## Waste Disposition Performance

Facility	Status as of 10-1-2018
CWC	<p><b><u>CONTINUING</u></b></p> <ul style="list-style-type: none"> <li>• Performing waste storage &amp; inspection activities</li> <li>• Continuing to receive waste from onsite and offsite generators</li> <li>• Continue to ship large waste boxes from OSA A and NOSA (CERCLA –LLW) to PFNW.</li> <li>• Mining, segregating, and overpacking watch list drums.</li> <li>• Conducted Fire Suppression System testing &amp; inspection with HFD</li> <li>• Box cover deficiencies are being tracked and repaired in FY2019.</li> <li>• Continue floor repairs at 2403-WA &amp; 2403-WD.</li> <li>• Continue roll-up door preventative maintenance and repairs.</li> <li>• Completed lighting upgrades at 2402-WL &amp; Outdoor lighting at shipping and receiving area (SA-1).</li> </ul> <p>• <b><u>NEW ITEMS</u></b></p> <p>•</p>
LLBG	<p><b><u>CONTINUING</u></b></p> <ul style="list-style-type: none"> <li>• Continuing to perform inspection and maintenance activities in LLBGs</li> <li>• Continuing receipt of waste shipments into MWT 31 &amp; 34</li> <li>• Continuing leachate collection &amp; removal system operation at MWT 31 &amp; 34</li> <li>• Pump preventative maintenance and repairs at Trenches 31 &amp; 34</li> </ul> <p><b><u>NEW ITEMS</u></b></p> <ul style="list-style-type: none"> <li>• Disposed of three LLW (10.9 m<sup>3</sup>) and six MLLW (43.5 m<sup>3</sup>) container in Trench 34.</li> <li>• Replacing Alpha Caisson #1 &amp; #4 HEPA filters (Completed mock-up)</li> <li>• Completed receipt of 2 U.S. Navy Reactor Compartments into Trench 94.</li> </ul>
WRAP	<p><b><u>CONTINUING</u></b></p> <ul style="list-style-type: none"> <li>• Continuing min-safe inspection and maintenance activities.</li> <li>• Conducted Fire Suppression System testing &amp; inspection with HFD</li> <li>• Continuing lighting upgrades at 2404-WB</li> </ul> <p><b><u>NEW ITEMS</u></b></p> <ul style="list-style-type: none"> <li>• Received 5 TRUM large boxes (TL-1800 - CERCLA) from PFP</li> <li>• Shipped one TRUM large boxes (TL-1800 – CERCLA) to PFNW</li> </ul>
T Plant	<p><b><u>CONTINUING</u></b></p> <ul style="list-style-type: none"> <li>• Continuing surveillance and maintenance activities.</li> <li>• Upgrading 291-T Stack Fan 4 Variable Frequency Drive (VFD)</li> </ul> <p><b><u>NEW ITEMS</u></b></p> <ul style="list-style-type: none"> <li>• Current total received 4 STSCs</li> <li>• Next shipment planned for 10/25/2018</li> </ul>

# RCRA-Regulated Inventory

## Number of Containers/Tanks and Volume as of 10-01-2018

Facility	Drum/Small Container <sup>1</sup>	Medium Container <sup>2</sup>	Large Container <sup>3</sup>	Total Volume
CWC (August)	5586 (1359 m <sup>3</sup> )	776 (1335 m <sup>3</sup> )	351 (5304 m <sup>3</sup> )	7990 m <sup>3</sup>
CWC (September)	5585 (1362 m <sup>3</sup> )	783 (1369 m <sup>3</sup> )	350 (5240 m <sup>3</sup> )	7971 m <sup>3</sup>
T Plant (August)	11 (3 m <sup>3</sup> )	0 (0 m <sup>3</sup> )	8 (303 m <sup>3</sup> )*	306 m <sup>3</sup> *
T Plant (September)	9 (2 m <sup>3</sup> )	0 (0 m <sup>3</sup> )	8 (303 m <sup>3</sup> )*	305 m <sup>3</sup> *
WRAP (August)	214 (49 m <sup>3</sup> )	0 (0 m <sup>3</sup> )	5 (210 m <sup>3</sup> )	259 m <sup>3</sup>
WRAP (September)	217 (49 m <sup>3</sup> )	0 (0 m <sup>3</sup> )	10 (465 m <sup>3</sup> )	514 m <sup>3</sup>

Footnotes regarding volumes:

\* Inventory is for containers except for six (6) large tanks at T-Plant with a volume of 259 m<sup>3</sup>

1. 0.485 m<sup>3</sup> (110 gallons; 17.1 ft<sup>3</sup>) or less
2. Greater than 0.485 m<sup>3</sup> (110 gallons; 17.1 ft<sup>3</sup>) & less than 1.812 m<sup>3</sup> (64ft<sup>3</sup>) (Standard Waste Box)
3. Greater than 1.812 m<sup>3</sup>



## Dangerous Waste Package Inventory in CWC Outside Storage Areas

CWC DWMU <sup>[1]</sup>	Number of Waste Containers in storage (1/24/2014)	Number of Waste Containers in storage (8/20/2018)	Number of Waste Containers in storage (10/01/2018)	Volume of Waste Containers in storage (10/01/2018)	Notes/Comments in Inventory Change from Previous Month
Outside Storage Area A	173	117	116	3416 m <sup>3</sup>	Shipped 764CTLF01 (32.7 m <sup>3</sup> ) to PFNW for size reduction
Outside Storage Area B	11	5	5	263 m <sup>3</sup>	
D-10 Outside Storage Area	1	1	1	28 m <sup>3</sup>	
East Outside Storage Area	0	0	0	0	
Shipping and Receiving Area	0	0	0	0	
<b>Total =</b>	<b>185</b>	<b>123</b>	<b>122</b>	<b>3707 m<sup>3</sup></b>	

[1] DWMUs are based on those listed in the Agreed Order, exhibit B.

**SOLID WASTE OPERATIONS COMPLEX (SWOC)  
PROJECT MANAGERS MEETING**

**T Plant, Low Level Burial Ground (LLBG), Waste Retrieval and Processing (WRAP),  
and Central Waste Complex (CWC)**

**2420 Stevens Center, CR-126  
Richland, Washington**

**October 25, 2018**

**ATTENDANCE LIST**

Name	Organization	Phone Number
1. Sandy Shore	CHPRC	373-9709
2. Kathy Knox	court reporter	946-5535
3. Bob Long	DOE-RL	376-7754
4. Mitch Morrett	CHPRC	373-7351
5. Jonathan Fuller	CHPRC	373-3309
6. Ed Soto	ECY	372-7933
7. Morgan Johnson	ECY	372-7950
8. Kelly Elsethagen	ECY	372-7923
9. John Price	ECY	372-7921
10. Scott Davis	MSA-TPA	376-5787
11. John Temple	ECY	372-2940
12. Daniel Houston	ECY	
13. Stephanie Johansen	CHPRC	373-1031
14. RD Dildbrand	DOE-RL	373-962.
15. Gary Pyles	DOE	376-2670
16.		
17.		
18.		
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20.		
21.		
22.		



**SOLID WASTE OPERATIONS COMPLEX (SWOC)  
PROJECT MANAGERS MEETING**

**T Plant, Low Level Burial Ground (LLBG), Waste Retrieval and Processing (WRAP),  
and Central Waste Complex (CWC)**

**2420 Stevens Center, CR-126  
Richland, Washington**

**October 25, 2018  
10:00 A. M. to 11:00 A. M.**

**AGENDA**

- I. The August 23, 2018 Solid Waste Operations Complex (SWOC) Project Managers Meeting (PMM) Minutes were submitted to the Administrative Record (AR).
- II. Operational Status
- III. Status of Previous Agreements and Commitments
- IV. New Agreements and Commitments
- V. Near Term Schedules and Ongoing Activities (Milestones)
  - A. Agreed Order – Implementation
  - B. CAFO
  - C. 8C updates, closure plans, Part B application
  - D. Sludge Storage at T Plant
- VI. Approved Changes Signed Off in Accordance with TPA Section 12.2
- VII. General Discussion
- VIII. Actions
  - A. See Actions Table below
- IX. Documents for Submittal to the Administrative Record
- X. Next Project Managers Meeting

### **Actions Table**

**Solid Waste Operations Complex (SWOC) Project Managers Meeting**  
**T Plant, Low Level Burial Ground (LLBG), Waste Retrieval and Processing (WRAP), and Central Waste Complex (CWC)**

<b>Item</b>	<b>Description</b>	<b>Open / Closed</b>	<b>Date</b>	<b>Status</b>
SWOC Units	Mr. Marrott (CHPRC) will prepare the operations report on the off months the PMMs are not held and will also send the report to Ecology. The operations reports will be attached to the following month's PMM minutes.	Open	12/8/17	Action Established - Ongoing.
Container Monitoring Program	Ms. Johansen (CHPRC) will set up a presentation to Ecology on the new container monitoring program.	Open	8/23/18	Action Established